

Study of the Solubility of Plutonyl Nitrate with
a View to Its Extraction by a Solvent, by Gerard
Vergnaud.

FRENCH, per, Commissariat a l'Energie Atomique,
Fontenay-aux-Roses, Centre d'Etudes Nucleaires,
AEC ORNL-tr-1263

Sci - Chem
Oct 67

342,315

Neutron Spectrometry in a Natural Uranium Slab
Using the ${}^6\text{Li}(n,t){}^4\text{He}$ Reaction and Surface
Barrier Detectors, by Ghislaine De Leeuw-Gierst,
Seraphin De Leeuw.

FRENCH, per, Commissariat a l'Energie Atomique,
Cadarache, Centre d'Etude Nucleaires, 31pp
AEC EURFNR-203F

Sci - Phys
Sept 67

342,292

Sensitivity of Austenitic Alloys with a High
Nickel Content to Stress Corrosion and Inter-
granular Attack, by H. Coriou, L. Grall, C. Mahieu,
M. Peiras.

FRENCH, per, Commissariat a l'Energie Atomique,
Seclay Centre d'Etudes Nucleaires, 21pp.

AEC ORNL-tr-1627

Sci - Mat
Oct 67

342,334

Study of the Safety of the Ermine Experiment,
by J. Bouchard and J. C. Carre, 69 pp.
FRENCH, rpt. AEC, Center of Nuclear Studies of
Fontenay-aux-Roses, Sept. 1966, pp 1-69
AEC-Tr-6910 P911407767-V

WE

Sci/Nucl & Tech
Feb 68

342,469

Semiannual Report of the Chemistry Department,
Center for Nuclear Studies at Fontenay-Aux-Roses,
Direction of Nuclear Materials and Fuels, December
1966-May 1967.

FRENCH, rpt, Commissariat a l'Energie Atomique,
Fontenay-Aux-Roses, Centre de Etudes Nucleaires,
Sections 1 and 4, pp 5-56, 79-86.
AEC-ANL-Trans-610

Sci-Chem
Aug 68

357,471

Semiannual Report of the Chemistry Department,
Center for Nuclear Studies at Fontenay-Aux-Roses,
Direction of Nuclear Materials and Fuels, December
1966-May 1967.

FRENCH, rpt, Commissariat a l'Energie Atomique,
Fontenay-Aux-Roses, Centre de Etudes Nucleaires,
Sections 10-11, pp 299-427.
AEC-ANL-Trans-628

Sci-Chem
Aug 68

357,470

Semiannual Report Chemistry Department November,
1965 - May, 1966.

FRENCH, rpt, Centre d'Etudes Nucleaires de
Fontenay-aux-Roses, Direction des Materiaux et
Combustibles Nucleaires, Departement de Chimie,
Dec. 1966.

*AEC GENL-tr-1674

Sci/Chemistry
Apr 67

Agency: AEC/Tenn.

P.O. Number: DEM-69-53

R-10189-D

11 March 1969

Title: Decouverte de Mineralisations Uraniferes
au Niger.

Author: Bigotte, G. and Obellianne, J. M.

Source: Commissariat a l'Energie Atomique,
Groupement Afrique-Madagascar, Marseille,
France, 1968:317-33 (17pp)

Language - French

Special Instructions: Please translate and type
1 copy only.

Weighting and Biasing of a Monte Carlo Calculation
for Very Deep Penetrations, by Jeanne-Marie Lanore,
14 pp.
FRENCH, rpt, Fontenay-aux Roses Nucl Research Center,
1969.
AEC/ORNL-Tr-2213-69

Sci/Math
Dec 69

398,070
398,067

Agency: AEC/TEHR.

R-12266-D

P.O.No. OACMR-71-10

16 Oct. 1970

Title: Reprocessing of Irradiated Plutonium and Uranium
Mixed Oxides.

Author: P. Faugeras

Source: Report CEA-Conf-1534 from 2nd Spanish-French
Symposium on Fuel Reprocessing & Plutonium Ch

Language: French

Instructions: Please translate & type single space one
copy, paste-up, camera-ready copy request

CEA-N

Precision Abrasion Machine for Diffusion Study,
by M. Bandazzoli. 15 pp.
FRENCH, rpt, CEA-N-531, 1965, pp 1-6.
*NBS TT 70-57654

Sci-Mech
Jul 70

Appendix, A Review Prior to the Fortification
Modifications.
FRANCK, rpt, C.R.A. Notes & Information, Mar
1970, pp 9-12.
Kisley Trans. 1968

Sci-Misc
Dec 70

CEA General Director Discusses Reorgani-
zation of Commission, 8 pp.
GOVERNMENT USE ONLY
FRENCH, per, CEA Notes & Information,
Paris, Dec 70, pp 1-4.
JPRS/L 3723

Sai/Ruc1
Apr 71

Pierrelatte General Director Outlines
Isotopic Separation Plans. 8 pp.
GOVERNMENT USE ONLY
FRENCH, per, CEA Notes d'Information,
Paris, No 3, Mar 71, pp 1-5.
JPRS/L 3838

Aug 71

CEA Reports on Work With Radioelements, 5 pp.
GOVERNMENT USE ONLY

FRENCH, per, CEA Notes d'Information, Paris,
No 2, Feb 72, pp 1-3.
JPRS/L 4186

Jun 72

Discovery of Nuclear Pseudomagnetism
Reported, 6 pp.
GOVERNMENT USE ONLY
FRENCH, per, CEA Notes d'Information, Paris,
No 3, Mar 72, pp 1-4.
JPRS/L 4168

Jun 72

Semi-Annual Report of the Department of
Chemistry, 364 pp.
FRENCH, rpt, Report CEA-N-616, November 1965-
May 1966. Nuclear Research Center, Fontenay-
aux-Roses, Division for Nuclear Materials and
Fuels. P911302267-V
ABC ORNL Tr-1674

336,952

Sci - Chemistry
Sep 67

Calculation of the Retarder Power for the
Charged Particles Applied to the Calculation
of the Yield of the Reaction (a,n) in a $\text{UO}_2\text{-PuO}_2$
Fuel, by P. Dulieu.

FRENCH, rpt, CEA-N-836, 1967, pp 1-11.

WEC/ORNL

Sci/Nucl

Apr 69

Study of Processes of Treatment by Aqueous Method:
Laboratory.

FRENCH, rpt, Commissariat a l'Energie Atomique,
Fontenay-aux-Roses. Centre d'Etudes Nucleaires,
Sec 7, pp 136-236, CEA-N-856.
AEC-ANL-Trans-619

Sci-Nucl Sci
August 68

357,550

The Microcalorimetric Study of the UF - UF
System, by Paul Barbori, Olivier Hartmann,
8 pp.
FRENCH, rpt, CEA-N-916, April, 1968, 23 pp.
AEC-ANL-Tr-654 P911264668-V

Sci/Nucl
Nov 68

368,519

Variant of the Zeus Program Applied to Tunnel
Programs: Zeus Alb.5 Program and Auxiliary Programs,
by Francois Gervaise, Marguerite-Marie d'Hombres,
43 pp.

FRENCH, rpt, CEA-N-933, 1968, pp 1-57.

AEC/ORNL-Tr-2045-69

Sci/Nucl
Apr 69

377,408

Study of the Coating of the Alumina Beds
Coming From the Fluorine Treatments,
FRENCH, rpt, CEA-N-969,
ANL-Trans-703

July 69

384-694

Study of Dry Process Methods.
FRENCH, rpt, CEA-N-969,
ANL-Trans-703

July 69

384-693

Electrochemistry Studies.
FRENCH, rpt, CIA-N-969,
ANL-Trans-703

July 69

385-936

Corrosion Study.
FRENCH, rpt. CEA-N-969.
ANL-Trans-703

July 69

384-692

Treatment of Medium-and Low-Level Effluents.
FRENCH, rpt, CEA-N-969, pp 67-79.
AEC-tr-7028

July 69

384-693

Department of Chemistry Semi-Annual Report, June
1967-November 1967.

FRENCH, rpt, CEA-N-969, 88 pages.

ANL-Trans-703

July 69

385-935

Saptci: Semiworks Treatment of a Lot of Degraded
Trilaurylamino (TLA).
FRENCH, rpt, CEA-N-969, pp 226-255.
AEC-tr-7098

July 69

384-695

Department of Chemistry Semiannual Report, June
1967-November 1967.
FRENCH, rpt, CEA-N-969, pp 209.
AEC-tr-7028

July 69

384-692

Research and Development of Separation Processes.
FRENCH, rpt, CEA-N-969, pp 314-334.
AEC-tr-7028

July 69

384-696

Study of the Vitrification of Fission Product
Solutions.

FRENCH, rpt, CEA-N-969, pp 343-384.
AEC-tr-7028

July 69

384-697

Parametric Study of the Niobeoil on Harmony,
by B. Barre.

FRENCH, rpt, CEA-N-1022, Nov 1968.

*AEC/ORNL

Sci/Misc

May 69

Study of Volatility Processing Methods, 28 pp.
FRENCH, rpt, CEA-N-1044, pp 244-268.
AEC/ANL-Tr-751

Sci/Chem
Feb 70

400,196

Semiannual Report of the Department of Chemistry
No 5, Dec 1967-May 1968, 155 pp.
FRENCH, rpt, CEA-N-1044, pp 51-69; 155-242;
269-289; 307-330.
AEC-tr-7076

Sci-Chem
Aug 69

390,988

REC (I.B/G-2929) 3 INSTALLATION OF A BEAM FACILITY ON THE TRITON REACTOR. INDUSTRIAL APPLICATIONS OF NEUTRON RADIOGRAPHY (OF INACTIVE SAMPLES). 4 Farny, G.; Laporte, A. 710 Translated by W. G. Stripp (Atomic Energy Research Establishment, Harwell (England)), from report 11 CEA-N-1135. 20 9p. 24 Dep. NTIS (U. S. Sales Only).

25

1969

26 physics (nuclear); translations 27 20H

28 MN-34 29 NP NSA

Semi-Annual Report of the Department of Chemistry.
FRENCH, rpt, CEA-N-1148, Section 1, pp 5-80,
Section 2 & 3, pp 82-97, 104-118, Section 4, 5, 6,
pp 126-130, 154-155, 168-180, Section 7, 204-222,
248-271, Section 9, pp 298-313, 314-334, Section
10 & 12, pp 336-368, pp 415-416, June-Nov, 1968.
AEC/ANL-Tr-801-70

AEC/ANL-TR

Sci/Chem

AEC 4(ANL-Trans-796) 5SEMI-ANNUAL REPORT OF THE
DEPARTMENT OF CHEMISTRY, JUNE-NOVEMBER 1968. 7(Com-
missariat a l'Energie Atomique, Fontenay-aux-Roses (France).
Centre d'Etudes Nucleaires). 16Translated for Argonne National
Lab., Ill., from Section 1, pp 5-80 of report 11CEA-N-1148. 2078p.
24Dep. CFSTI.

25

26chemistry (analytical); chemistry (physical); materials manage-
ment and safeguards; translations 2707, 07D

28MN-4 29P NSA

AEC ⁴(ANL-Trans-797) ⁵SEMI-ANNUAL REPORT OF THE
DEPARTMENT OF CHEMISTRY, JUNE-NOVEMBER 1968. ⁷(Com-
missariat a l'Energie Atomique, Fontenay-aux-Roses (France).
Centre d'Etudes Nucleaires). ¹⁰Translated for Argonne National
Lab., Ill., from Sections 2 and 3, pp 82-97; 104-18 of report ¹¹CEA-
N-1148. ²⁰15p. ²⁴Dep. CFSTI.

²⁵
²⁶chemistry (inorganic); chemistry (separation); radioactive wastes;
translations ²⁷07B, 07A, 18G

²⁸MN-4 ²⁹P NSA

AE (ANL-Trans-798) 5 SEMI-ANNUAL REPORT OF THE
DEPARTMENT OF CHEMISTRY, JUNE-NOVEMBER 1968. 7
(Commissariat a l'Energie Atomique, Fontenay-aux-Roses (France).
Centre d'Etudes Nucleaires). 10 Translated for Argonne National
Lab., Ill., from Sections 4, 5, and 6, pp 126-30; 154-5; 168-80 of
report 11 CEA-N-1148. 20 22p. 24 Dep. CFSTI.

25

26 chemistry (physical); corrosion; desalination; radioactive
wastes; translations 27 07D, 11F, 07A, 18G

28 MN-4 29 P NSA

AEC 4(ANL-Trans-799) 6SEMI-ANNUAL REPORT OF THE
DEPARTMENT OF CHEMISTRY, JUNE-NOVEMBER 1968. 7(Com-
missariat a l'Energie Atomique, Fontenay-aux-Roses (France).
Centre d'Etudes Nucleaires). 10Translated for Argonne National
Lab., Ill., from Section 7, pp 204-22; 248-71 of report 11CEA-N-
1148. 2047p. 24Dep. CFSTI.

25

26chemical engineering; chemistry (inorganic); chemistry (separation);
translations 2707A, 07B

28MN-4 29P NSA

Acc- (ANL-Trans-800) ⁵SEMI-ANNUAL REPORT OF
THE DEPARTMENT OF CHEMISTRY, JUNE-NOVEMBER 1968.
⁷(Commissariat a l'Energie Atomique, Fontenay-aux-Roses
(France). Centre d'Etudes Nucleaires). ¹⁰Translated for Ar-
gonne National Lab., Ill., from Sections 9.1 and 9.2, pp 298-313;
314-34 of report ¹¹CEA-N-1148. ²⁰36p. ²⁴Dep. CFSTI.

²⁵

²⁶chemistry (separation); translations ²⁷07A

²⁸MN-10 ²⁹P NSA

Acc (ANL-Trans-801) SEMI-ANNUAL REPORT OF THE
DEPARTMENT OF CHEMISTRY, JUNE-NOVEMBER 1968. (Com-
missariat a l'Energie Atomique, Fontenay-aux-Roses (France).
Centre d'Etudes Nucleaires). Translated for Argonne National
Lab., Ill., from Sections 10 and 12.4 of report CEA-N-1148.
39p. Dep. CFSTI.

5

chemistry (separation); translations 07A

MN-4 P NSA

DEC. (ORNL-tr-2527) PICFEE: PROGRAM FOR THE
INTEGRATION OF ELEMENTARY FISSION CURVES WITH CON-
SIDERATION OF THE DEVELOPMENT OF FISSILE NUCLIDES.
Barro, Bertrand (Commissariat a l'Energie Atomique, Fontenay-
aux-Roses (France). Centre d'Etudes Nucleaires). ²⁰Translated
for Oak Ridge National Lab., Tenn., from report CEA-N-1203.
¹⁴¹⁷⁰29p. ²²²²⁴Dep. NTIS.

²⁶computers; physics (nuclear); reactor physics; translations ²⁷
09B, 20H, 18K

²⁸MN-32 ²⁹P NSA

AEC. (ORNL-tr-2522) INFLUENCE OF SULFATE AND
MOLYBDENUM IONS ON THE FORMATION OF ZIRCONIUM
BUTYLPHOSPHATES DURING IRRADIATED FUEL REPRO-
CESSING BY THE PUREX PROCESS. Ballet, P.; Kauffman, F.;
Miquel, P. (Commissariat a l'Energie Atomique, Fontenay-aux-
Roses (France). Centre d'Etudes Nucleaires). Translated for
Oak Ridge National Lab., Tenn., from Sections 7.2-7.4 of report
11 CEA-N-1241. 20 28p. 24 Dep. NTIS.

25

26 chemistry (separation) 27 07A

28 MN-10 29 P NSA

Doc ANL-Trans-884 Uncl.

ELECTROCHEMISTRY STUDIES. (Commissariat a l'Energie Atomique, Fontenay-aux-Roses (France). Centre d'Etudes Nucleaires). Translated for Argonne National Lab., Ill., from Section 4, pp 116-19 of report CEA-N-1241, 5p.

chemistry (physical); translations

ND-4 P RC

REVISED CARD

Unlimited

1710 4(ANL-Trans 485) 5SGCR-GC CENTRIFUGAL EX-
TRACTOR TESTS. 1(Commissariat a l'Energie Atomique,
Fontenay-aux-Roses (France). Centre d'Etudes Nucleaires).
10Translated for Argonne National Lab., Ill., from Section 7.8,
pp 241-54 of report 11CEA-N-1241, 2011p. 24Dep. NTIS.

25

26chemistry (separation); translations 2707A

28MN-10 29P NSA

Attenuation of Fast Neutrons in a Structure
Consisting of Layers of Water and Dense Material
by Michel Simon, 20 pp.
FRENCH, rpt., Centre d'Etudes Nucleaires de Fontenay
aux-Roses, CE/N-1244, Jan 1970.
AEC/ORNL-Tr-2357-70

Sci/Nucl

Mass. 500

71-2 (LA-tr-71-2) HIGH ENERGY AND HIGH RES-
OLUTION SPECTROMETRY USING THE BEAM OF THE SATURNE
SYNCHROTRON. 8Thirlon, Jacques; Birien, Paul; Saudinos,
Jean (Commissariat a l'Energie Atomique, Saclay (France),
Centre d'Etudes Nucleaires). 10Translated for Los Alamos Sci-
entific Lab., N. Mex., from report 11CEA-N-1248. 152074p. 24Dep.
NTIS.

25

26instrumentation; particle accelerators; physics (nuclear);
translations 2718D, 20G, 20H

28MN-37 29P NSA

17 E.C. (ORNL-tr-2519) 1 ELF NEUTRON PROGRAM. 6 Ger-
valin, Francois 7 (Commissariat a l'Energie Atomique, Fontenay-
aux-Roses (France), Centre d'Etudes Nucleaires). 810 Translated
for Oak Ridge National Lab., Tenn., from report 11 CEA-N-1255.
15120 27p. 24 Dep. NTIS.

26 computers; physics (nuclear); translations 27 09B, 20H

28 MN-34 29 P NSA

Anisa System, Report No 2, LCR/D Program for
updating the Anisa Library Types with Plotting
of Cross Section Curves, by Gilles Brandicourt,
Jacques de Schoenacker, 47 pp.
FRENCH, rpt, CEA-N-1335, Nov 1970.
AEC/ONR-Tr-2408-70

Sci/Nucl
Feb 71

11 EC 4 (ANL-Trans-886) 5 CHEMICAL ANALYSES. 7 (Com-
missariat a l'Energie Atomique, Fontenay-aux-Roses (France).
Centre d'Etudes Nucleaires). 10 Translated for Argonne National
Lab., Ill., from Section 1, pp 5-93 of report 11 CEA-N-1341. 20 83p.
24 Dep. NTIS.

25

26 chemistry (analytical); translations 27 07

28 MN-1 29 P NSA

REC. 4 (ORNL-tr-2410, pp 1-13) 5 TREATMENT OF MEDIUM-
AND LOW-LEVEL EFFLUENTS. 7 (Commissariat a l'Energie
Atomique, Fontenay-aux-Roses (France). Centre d'Etudes Nu-
cleaires). 10 Translated from Section 2 of report 11 CEA-N-1341.

28

28 MN-70 29 P NSA

file (ANL-Trans 887) TREATMENT OF URANIUM, (Com-
missariat a l'Energie Atomique, Fontenay-aux-Roses (France).
Centre d'Etudes Nucleaires), Translated for Argonne National
Lab., Ill., from Section 3, pp 112-21 of report CEA-N-1341,
10p. Dep. NTIS.

25

28chemistry (inorganic); translations 2707B

28MN-4 23P NSA

112. 4(ANL-Trans-888) 5ELECTROCHEMISTRY STUDIES.
7(Commissariat a l'Energie Atomique, Fontenay-aux-Roses (France).
Centre d'Etudes Nucleaires). 10Translated for Argonne National
Lab., Ill., from Section 4, pp 124-8 of report 11CEA-N-1341. 205p.
24Dep. NTIS.

25

26chemistry (physical); translations 2707D

28MN-4 29P NSA

1100-4 (ANL-Trans-889) 6 SECE-GECA STUDY OF THE
CORROSION PROPERTIES OF STEELS AND IRON-CHROME-
NICKEL ALLOYS. 7 (Commissariat a l'Energie Atomique,
Fontenay-aux-Roses (France), Centre d'Etudes Nucleaires). 10
Translated for Argonne National Lab., Ill, from Section 5.1, pp
130-44 of report 11 CEA-N-1341. 20 14p. 24 Dep. NTIS.

25

26 corrosion; metallurgy; translations 27 11F

28 MN-4 29 P NSA

11100 (ANL-Trans-886) CHEMICAL ANALYSIS. (Com-
missariat a l'Energie Atomique, Fontenay-aux-Roses (France).
Centre d'Etudes Nucleaires). 10 Translated for Argonne National
Lab., Ill., from Section 1, pp 5-93 of report 11 CEA-N-1341. 20 83p.
21 Dep. NTIS.

20 chemistry (analytical); translations 21 07

23 MN-4 23 P NSA

AEC
4(ANL-Trans-890) 5SECE-SECMLG STUDY OF THE
COMPATIBILITY OF FERRITIC STEELS WITH CIRCULATING
LIQUID SODIUM. 7(Commissariat a l'Energie Atomique, Fontenay-
aux-Roses (France), Centre d'Etudes Nucleaires). 10Translated
for Argonne National Lab., Ill., from Section 5.13, pp 206-15 of
report 11CEA-N-1341. 2010p. 24Dep. NTIS.

25

26chemical engineering; corrosion; translations 2707A, 11F

28MN-4 29P NSA

4 (ORNL-tr-2410, pp 14-78) STUDY OF AQUEOUS RE-
PROCESSING METHODS: LABORATORY. 7 (Commissariat a
l'Energie Atomique, Fontenay-aux-Roses (France). Centre d'Etudes
Nucleaires). 10 Translated from Section 7 of report 11 CEA-N-1341.

28 MN-70 29 P NSA

44 (ORNL-tr-2410, pp 79-97) 5STUDY OF AQUEOUS
PROCESSES: PILOT PLANT. 7(Commissariat a l'Energie
Atomique, Fontenay-aux-Roses (France). Centre d'Etudes Nu-
cleaires). 10Translated from Section 8 of report 11CEA-N-1341.

28 MN-70 29 P NSA

AFC (ORNL-tr-2410, pp 98-120) STUDY OF VOLATILITY
REPROCESSING METHODS. (Commissariat a l'Energie Atomique,
Fontenay-aux-Roses (France). Centre d'Etudes Nucleaires).
Translated from Section 9 of report CEA-N-1341.

28 MN-70 29 P NSA

1100 (ORNL-tr-2410, pp 121-42) PREPARATION AND
STUDY OF ACTINIDE ELEMENTS. (Commissariat a l'Energie
Atomique, Fontenay-aux-Roses (France). Centre d'Etudes Nu-
cleaires). 1. Translated from Section 10 of report 11 CEA-N-1341.

28 MN-70 29 P NSA

ORNL-tr-2410) SEMI-ANNUAL REPORT OF THE
DEPARTMENT OF CHEMISTRY, JUNE-NOVEMBER 1969.
(Commissariat a l'Energie Atomique, Fontenay-aux-Roses (France).
Centre d'Etudes Nucleaires). Translated for Oak Ridge National
Lab., Tenn., from Sections 2 and 7-11, pp 95-109; 245-436 of re-
port CEA-N-1341, 189p. Dep. NTIS.

chemistry (radio- and radiation); progress reports; radioactive
wastes; translations 707E, 18G

MN-70 P NSA

17 EC 4 (EURFNR-890) 5 THE NATURAL CONVECTION IRRADIATION DEVICE "ESTHER," 4 Loeclero, Jacques; Lhermonier, Andre; Fages, Denis; Lauthier, Jean-Claude 7 (Commissariat a l'Energie Atomique, Fontenay-aux-Roses (France). Centre d'Etudes Nucleaires). 10 Translation of report 11 CEA-N-1348. 20 39p. 24 Dep. NTIS. 25 Work performed under United States-Euratom Fast Reactor Exchange Program.

26 reactors--research; translations 27 18M

28 MN-80 29 P NSA

REVISED CARD

1/1 (ORNL-tr-2451) 5STATUS REPORT ON THE STUDY
OF THE UPPER NEUTRON SHIELDS OF PHENIX ON 15 APRIL
1969. 6Brandicourt, G.; (and others) 7(Commissariat a
l'Energie Atomique, Fontenay-aux-Roses (France). Centre
d'Etudes Nucleaires). 10Translated for Oak Ridge National Lab.,
Tenn.), from report 11 CEA-N-1349. 2023p. 24Dep. NTIS.
25

26Radiation shielding and protection; translations 2718F

28MN-80 29P NSA

Description and Method of use of the Anian
Discrete-Ordinate Program and Auxiliary Program,
by C. Devillers.

FRENCH, rpt, CHA-N-1358, Oct 1970.

9 ABC/ORNL-Tr-2419-70

Sci/Misc
Jan 71

BLP Program, Description of Utilization, by
Francois Gervaise, 29 pp.
FRENCH, rpt, CEA-N-1361
AEC/ORNL-Tr-2409-70

Sci/Nucl
Feb 71

1000 (ANL-Trans-891) 1CHEMICAL ANALYSIS. 1(Com-
missariat a l'Energie Atomique, Fontenay-aux-Roses (France).
Centre d'Etudes Nucleaires). 10Translated for Argonne National
Lab., Ill., from Section 1, pp 5-90 of report 11CEA-N-1419. 2083p.
24Dep. NTIS.

25

26chemistry (analytical); translations 2707

28MN-4 29P NSA

1110 (ANI-Trans-892) 3 ELECTROCHEMISTRY STUDIES.
1 (Commissariat a l'Energie Atomique, Fontenay-aux-Roses
(France). Centre d'Etudes Nucleaires). 10 Translated for Argonne
National Lab., Ill., from Section 4, pp 128-33 of report 11 CEA-N-
1419. 206p. 24Dep. NTIS.

26chemistry (physical); translations 2707D

28MN-4 29P NSA

1100 (ANL-Trans-893) CORROSION STUDIES. (Commis-
ariat a l'Energie Atomique, Fontenay-aux-Roses (France). Con-
tre d'Etudes Nucleaires). 10Translated for Argonne National Lab.,
Ill., from Section 5, pp 136-213 of report 11CEA-N-1419. 2079p.
24Dep. NTIS.

26corrosion; translations 2711F

28MN-4 29P NSA

⁴(AEC-tr-7301) ⁵STUDY OF VITRIFICATION OF SOLUTIONS OF FISSION PRODUCTS. ⁷(Commissariat a l'Energie Atomique, Fontenay-aux-Roses (France). Centre d'Etudes Nucleaires). ¹⁰Translated by William J. Grimes from Section 11, pp 331-409 of report ¹¹CEA-N-1419. ²⁰83p. ²⁴Dep. NTIS.

²⁶chemistry (physical); fission products; translations ²⁷07D, 18G

²⁸MN-4 ²⁹P NSA

Semiannual Report of the Chemistry Department, No 10,
June 1970-November 1970.
FRENCH, rpt, CEA-N-1479, 402 pp.
*AEC/ANL

Apr 72

AFC (ANL-Trans-912) STUDY OF AQUEOUS PROCESSING
METHOD: LABORATORY. (Commissariat a l'Energie Atomique,
Fontenay-aux-Roses (France). Centre d'Etudes Nucleaires).
Translation of Section 7, pp 207-39 of report CEA-N-1479.
Dep. NTIS.

Chemistry (separation); translations 07A

MN-10 P NSA

AEC (MATT-Trans-7) INTERPOLATION DEVICE FOR
QUICK EXPLOITATION OF RESISTANCE NETWORKS. Le-
croart, H. (Commissariat a l'Energie Atomique, Saclay (France),
Centre d'Etudes Nucleaires). Translated for Princeton Univ.,
N. J. from report PA/IGn/RT-119. 112p. 24Dep. NTIS.

25

26electronics and electrical engineering; translations 2709

28MN-38 29P NSA

Chlorine Triflouride, by L.M. Vincent.
FRENCH, report, France. Commissariat a l'Energie
Atomique, [Rapport CEA-R-2360]
NTC 71-11063-078

August 71

The Use of Polarized Deuteron Beams and the
Determination of the Optical Model Para-
meters, by Jacques Raynal.

FRENCH, per, Centre d'Etudes Nucleaires
de Saclay. CEA-R-2511, 1965.

*AEC

EDC-1 Jan 1966

Sci/Math & Data Processing
Nov 65

Study of the Diffusion of Fe-Ag and C, in Be with
Radioactive Tracers, by N. M. Chandra.
FRENCH, rpt, CEA-R-2621, 1965, pp 1-50.
*Nat Bur Stand TT 70-57878

Sci-Chem
July 70

Reaction of Ni with UN, by F. Anselin.
FRENCH, rpt, CRA-R-2762, 1963, pp 1-14.
*Nat Bur Stand TT 70-57694

Sci-Chem
Jul 70

Contribution to the Study of Neutron Pro-
pagation in Cavities, by Gilbert Hasselin,
PHENICI, rpt, Mar 1965. CEA-R 2774
9231650-V
AEC-ORNL-Tr-751

Sci - E/M
Dec 65

292,787

Study of U-Pu-Fe Alloys, (Masurca
Critical Experiment, by Pierre Barthelemy,
Rene Boucher. 25 pp.

FRENCH, rpt, Centre d'Etudes Nucleaire
de Fontenay - Aux - Roses, CEA Report-
R 2792, July 1965. 9231982
AEC ANL-Trans 224

Sci-M/M
Feb 66

296,075

Diffusion Along Dislocations, by G. Brebec.
FRENCH, rpt, CEA-R-2831, 1965, pp 1-13.
*Nat Bur Stand TT 70-57888

Sci-Phys
Jul 70

Study of the Ternary Diagram U-C-Ni, by
F. Anselin,
FRENCH, rpt, CEA-R-2845, 1965, pp 1-13.
*Nat Bur Stand TT 70-57887

Sci-Chem
Jul 70

Determination of a Base for the Proper Function
and of the Corresponding Norm for the Boltzmann
Integral-Differential Equation at a Given Velocity
and in a Spherical Configuration, by Pierre
Lafore, 48 pp.

FRENCH, rpt. Commissariat a l'Energie Atomique.

CEA-R 2926, 1965. P911064867-V

AEC ORNL-Tr-1505

Sci-Math

Apr 68

352.152

Radio-Isotope Converter, by Thierry Alleau,
Bernard Dovin, 15 pp.
FRENCH, rpt, CEA-R-2788, June 1966,
AEC/ORNL-Tr-1389-69

Sci/Phy
Jan 70

411,177

Detection of Hard Beta Radiation in Water
Using the Cherenkov Effect, by B. Turck.
FRENCH, rpt, Commissariat a l'Energie
Atomique. Saclay, Centre d'Etudes Nucleaires,
CEA Report #R 2915, 1966, 66 p.
NASA TT F-11,793

Sci
Dec 68

371,160

Gamma Radiation in Space and in the Atmosphere,
by Robert Rocchia, 74 pp.
FRENCH, rpt, CEA-R-2939, 1966.
AEC/ORNL/Tr-2099 -69

Sci/Phy
Apr 69

377,409

The Resonance Probe, by D. Lapechinsky.
FRENCH, rpt, Commissariat a l'Energie Atomique,
Centre d'Etudes Nuclaires, Saclay, CEA-R-
2945, 1966, 31 p.
NASA TT F-11,666

Sci
Dec 68

371,098

Solution of Some Problems of Multiple Scattering by the Monte-Carlo Method, by
Jean-Claude Bluet,
FRENCH, rpt, CEA-R-2971. P911101067
AEC-ORNL-TR-1546

Sci-Phys
Apr 67

324,676

Preparation and Study of the Nitrides and
Carbonitrides of Uranium and of Plutonium, by
Francis Anselin, 89 pp.
FRENCH, rpt, Report CEA-R-2988, June 1966.
F911300767-V
AEC LA Tr-67-24

336,951

Sci - Materials
Sep 67

Corrosion of Niobium by Circulating Liquid
Sodium at 400 to 600°C, by Jacques Sannier,
Louis Champeix, 12 pp.
FRENCH, rpt, CEA-R-3028, Oct 1966.
P911006168
AEC OPHL-TR-1832

Sci-Chemistry
Feb 68

347,503

Experimental Determination of the Backscattering
Factor in X-Ray Microanalysis, by Jean-Claude Derian,
85 pp.
FRENCH, Thesis, CEA-R-3052
AEC/LA/Tr-68-38

Sci/Phy
Feb 69

374,235

Mixed ^3He and ^4He Calorimeter. Very Low Temperature Calorimetry, by Olivier Testard.
FRENCH, rpt, CEA-R-3073.
AEC-ANL-Trans-564

Sci-Chem
Jul 68

357,306

Calculation of the Forces Acting on an Impurity
of a Metal Subjected to a Temperature Gradient,
by M. Gerl.

FRENCH, rpt, Commissariat a l'Energie Atomique,
Saclay, France, Report CEA-R3096, Dec 1966,

37 pp.

*NASA TT F-11,409

Sci/Phys
Mar 68

Criticality Guide. Part I. Introduction to
Criticality. Part II. Practical Rules, by
FRENCH, rpt, CIA-R-3114.
*NEC NERE

Sci-Phys
Jan 68

Study of the Diffusion of Some Elements in Magnesium,
by L. Krishan.

FRENCH, rpt, CEA-R 3136, 1966.

*NTIS TT 72-53106

Aug 72

Numerical Program for the Two-Dimensional
Analysis of the Thermodynamic Behavior of a
Boiling Liquid, by Maurice Fajean and Jean-
Pierre Saunier, 47 pp.

FRENCH, rpt, CEA Report R 3141.

P911387567

AEC WAPD-TRANS-74

Sci-Math

Dec 67

346,209

Study of Gamma-Radiation Between 0.1 and 1 MeV
in the Earth's Atmosphere, by Daniel Hoclet,
93 pp.

FRENCH, rpt, CEA-R-3177.

AEC/ORNL-Tr-2207-69

Sci/Phy
Jan 70

411,162